

66031US1\_Sequence Listing  
SEQUENCE LISTING

<110> Johnson & Johnson Research Pty Ltd

<120> Method for Detection of Alkylated Cytosine in DNA

<130> 30658208

<140> PCT/AU2004/000900

<141> 2004-07-05

<160> 15

<170> PatentIn version 3.4

<210> 1

<211> 80

<212> DNA

<213> Artificial

<223> Oligonucleotide Ecad80

<400> 1

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gtgctccggg gctcacctgg 80

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<211> 27

<212> DNA

<213> Artificial

<223> Oligonucleotide AA1

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<212> DNA

<213> Artificial

<223> Oligonucleotide AA2

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acacccaaac catacacacc caaaaca 27

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<223> Oligonucleotide Ecad80M3

<221> misc\_feature

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<223> n is 5'-methylcytosine

<221> misc\_feature

<222> (47)..(47)

<223> n is 5'-methylcytosine

<221> misc\_feature

<222> (52)..(52)

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<223> n is 5'-methylcytosine

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<212> DNA  
<213> Artificial  
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<210> 6  
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<212> DNA  
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<400> 6  
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<223> Oligonucleotide antisense sequence of Ecad80(ASEcad80)

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gccacagcca atcagcagcg 80

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<223> Chemically synthesised looping probe DNA sequence LP26

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<210> 10  
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<212> DNA

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<213> Artificial  
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 <210> 11  
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 <222> (6)..(6)  
 <223> n is c or u  
  
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 <212> DNA  
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 <223> Primer  
  
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 ccaccgccc 9  
  
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 <211> 4  
 <212> DNA  
 <213> Artificial or Homo sapiens  
 <223> Activation Induced Cytidine Deaminase hot-spot sequence  
  
 <221> r  
 <222> (1)..(1)  
 <223> r is a or g  
  
 <221> y  
 <222> (3)..(3)  
 <223> y is c or t  
  
 <221> w  
 <222> (4)..(4)  
 <223> w is a or t  
  
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<211> 18  
<212> DNA  
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<223> Primer 3ECAD11b

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18